

# GUADALUPE MOUNTAINS NATIONAL PARK

## PUBLIC USE COUNTING AND REPORTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Guadalupe Mountains National Park. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

### Recreation Visits

1. An inductive loop traffic counter is located across the road to Frijole Ranch. The traffic count is divided by 2 to adjust for vehicles entering and exiting, and duplicate axle counting. The adjusted traffic count is reduced for Non-reportable vehicles (360 per month). The reduced traffic count is multiplied by the persons-per-vehicle (PPV) multiplier of 2.7.
2. A pneumatic tube counter is located across the road to McKittrick Canyon Visitor Center. The traffic count is divided by four (4) to adjust for vehicles entering and exiting, and duplicate axle counting. The adjusted traffic count is reduced for Non-reportable vehicles (120 per month). The reduced traffic count is multiplied by the PPV multiplier of 2.7.
3. A pneumatic tube counter is located across the road to the Visitor Center and Pine Springs campground. The traffic count is divided by four (4) to adjust for vehicles entering and exiting, and duplicate axle counting. The adjusted traffic count is reduced for Non-reportable vehicles (810 per month). The reduced traffic count is multiplied by the PPV multiplier of 2.7.
4. A pneumatic tube counter is located across the road to Dog Canyon. The traffic count is divided by four (4) to adjust for vehicles entering and exiting, and duplicate axle counting. The adjusted traffic count is reduced for Non-reportable vehicles (30 per month). The reduced traffic count is multiplied by the persons-per-vehicle (PPV) multiplier of 2.7.

### Recreation Visitor Hours

Recreation visitor hours are the sum of the subtotals of each of the categories listed in Table 1. Each subtotal is the result of multiplying the number of visitors associated with that category by its length-of-stay multiplier.

**Table 1**  
**Average Length-of-Stay Multipliers by Category**

CATEGORY	AVERAGE LENGTH-OF-STAY
Day Use at Williams Ranch	4.5 hours
Day Use at McKittrick Canyon	4.0 hours
Day Use at Frijole, Pine Springs, Dog Canyon	1.0 hour
Visitor Center Only	0.5 Hour
Overnight Stays at Dog Canyon, Pine Springs, and Group Campers	14 hours per overnight
Backcountry Campers	24 hours per overnight

#### Overnight Stays

NPS Campgrounds - Dog Canyon CG and Pine Springs CG

The number of nights stayed by tent/RV campers.

NPS Backcountry - Pine Top, Guadalupe Peak, Bush Mountain, Wild Ridge, Blue Ridge, Shumard, Marcus, McKittrick Canyon, Tejas, and Mescalero

The number of backcountry overnight stays.

NPS Miscellaneous - Dog Canyon and Pine Springs group CG's

The number of overnight stays at group camping areas.

#### Special Use Data

- Line a. Total visitors to Frijole
- Line b. Total visitors to McKittrick Canyon
- Line c. Total tent/RV overnight stays
- Line d. Total visitors to Williams Ranch
- Line e. Visitors to Pine Springs Visitor Center